

BOOK REVIEW

GAUTIN, D.G., D.J. FUTUYMA and E.C. JAMES (Eds.). 1993. **Annual Review of Ecology and Systematics, Volume 24** (ISSN 006-4162). Annual Review Inc., 4139 El Camino Way, P.O. Box 10139, Palo Alto, CA 94303-0897. Hardbound \$44.00 (U.S.A.) and \$49.00 (elsewhere). 643 pp.

Volume 24 has 21 chapters covering a wide variety of ecological and systematic subjects. Alan Hastings, Carole L. Hom, Stephen Ellner, Peter Turchin and H. Charles J. Godfray introduce the volume with *Chaos in Ecology: Is Mother Nature a Strange Attractor?* The remaining chapters in the book are as follows: Genetics and Evolution of Phenotypic Plasticity; Patterns of Seed Longevity and Germination in the Tropical Rainforest; Hypotheses on the Origins of Marine Larvae; The Evolution of House Mice; Congruence Between Molecular and Morphological Phylogenies; Sibling Species in the Sea; Population Genetic Consequences of Small Population Size: Implications for Plant Conservation; Avian Molecular Systematics, 1970s to 1990s; Higher Level Systematics of Eutherian Mammals: An Assessment of Molecular Characters and Phylogenetic; Phylogenetic Constraint in Evolutionary Theory: Has It Any Explanatory Power?; Reproductive Traits and Male Fertility in Plants: Empirical Approaches; The Phenology of Tropical Forests: Adaptive Significance and Consequences for Primary Consumers; Dynamic Models of Energy Allocation and Investment; Evolutionary and Ecological Aspects of Photosynthetic Pathway Variation; The Evolution of the Selfing Rate in Functionally Hermaphrodite Plants and Animals; Tertiary Mammal Evolution in the Context of Changing Climates, Vegetation, and Tectonic Events; Miniaturization of Body Size: Organismal Consequences and Evolutionary Significance; Cytonuclear Disequilibria in Hybrid Zones; Physical-Biological Interactions Influencing Marine Plankton Production and Historical Perspectives in Ecology and Evolutionary Biology: The Use of Phylogenetic Comparative Analyses.